

Attorney Docket No. AGZP113US
U.S. Patent Application No. 10/779,940
Reply to Office Action of October 14, 2009
Date: April 14, 2010

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (canceled)

16. Claim 16 (currently amended): A paper converting machine selected from the group consisting of rewinding, winding and interfolding machines, said machine comprising a conveying roller ~~for a web or~~ for sheets, said conveying roller comprising:

a first cylindrical shaped tubular body having interior and exterior surfaces and a plurality of radial holes arranged in substantially longitudinal rows;

a second fixed cylindrical shaped tubular body arranged coaxially within said first cylindrical shaped tubular body, said first cylindrical shaped tubular body capable of rotation relative to said second fixed tubular body, and

two spaced stationary, but slidable, sealing elements positioned between said first cylindrical tubular body and said second fixed tubular body, said two slidable sealing elements ~~being~~ arranged at ~~said~~ a determined angle with respect to each other and extending radially from said second fixed cylindrical shaped tubular body ~~and adapted~~ for slidably engaging with said interior surface of said first fixed cylindrical shaped tubular body to define at least one air suction chamber between said first and second cylindrical tubular bodies,

said slidable sealing elements longitudinally oriented and extending for all the length of said roller, said second fixed tubular body defining at least one air suction chamber for communicating with a ~~suction for communicating with~~ a suction generating system, said at least one suction chamber extending for all the length of the roller and suitable for being

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brought selectively in communication with at least one row of said radial holes during the relative rotation of said bodies,

said second fixed tubular body having at least one opening to said at least one suction chamber enabling said suction generating system to communicate with said suction chamber,

said radial holes of said first tubular body adapted for suction of the end of a ~~web or a sheet~~ to capture such end for a determined angle of rotation of said first tubular body, ~~said radial holes of said first tubular body extending for all the length of said roller,~~
and

wherein said slidable sealing elements comprise a fixed portion as means for forming a longitudinal guide and a bar within said guide, wherein said bar can slide and resiliently engage with said interior surface of said first cylindrical tubular body to form said slidable sealing elements.

Claim 17-18 (canceled)